SUBJECT INDEX

Aggregation
Rainfall Disaggregation Using Artificial Neural Networks, Steven J. Burian, S. Rocky Durrans, Saša Tomić, Russell L. Pimmel and Chung Ngai Wai, HE July 00, p299-307.

Agricultural wastes
Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, Chittaranjan Ray and Kris K. Klindworth, HE Apr. 00, p162-171.

Air temperature
Linear Air/Water Temperature Correlations for Streams during Open Water Periods, Troy R. Erickson and Heinz G. Stefan, HE July 00, p317-321.

Algorithms
Novel System for Automatic Pavement Distress Detection, H. D. Cheng and M. Miyojim, CP July 98, p145-152.

Aquifers
Explicit Aquifer Diffusivity Estimation Using Linearly Varying Stream Stage, Chandra Shekhar P. Ojha, HE Apr. 00, p218-221.

Optimization Based Solution of Density Dependent Seawater Intrusion in Coastal Aquifers, Amlan Das and Bithin Datta, HE Jan. 00, p82-89.

Arid lands
Application of Gamma Autoregressive Model to Analysis of Dry Periods, Hikmet Kerem Cığızoğlu and M. Bayazıt, HE July 98, p218-221.

Channel Infiltration in Solitario Canyon, Yucca Mountain, Nevada, David A. Woolhiser, Stuart A. Stothoff and Gordon W. Wittmeyer, HE July 00, p240-249.

Autocorrelation
Application of Gamma Autoregressive Model to Analysis of Dry Periods, Hikmet Kerem Cığızoğlu and M. Bayazıt, HE July 98, p218-221.

Automation
Novel System for Automatic Pavement Distress Detection, H. D. Cheng and M. Miyojim, CP July 98, p145-152.

Auto-regressive models
Application of Gamma Autoregressive Model to Analysis of Dry Periods, Hikmet Kerem Cığızoğlu and M. Bayazıt, HE July 98, p218-221.

Auto-regressive moving-average model
Drought Occurrence Probabilities and Risks of Dependent Hydrologic Processes, Chen-hua Chung and Jose D. Salas, HE July 00, p259-268.

Base flow
Multivariate Technique for Baseflow Separation Using Water Quality/Quantity Data, S. Shukla, S. Mostaghimi, B. Petrauskas and M. Al-Smadi, HE Apr. 00, p172-179.

Basins
Effects of Unsaturated Zone on Ground-Water Mounding, D. M. Sumner, D. E. Rolston and M. A. Mariño, HE Jan. 99, p65-69.

Sediment Delivery Distributed (SEDD) Model, Vito Ferro and Paolo Porto, HE Oct. 00, p411-422.

Case reports
Using GIS to Determine Extent of Gauged Streams in a Region, Glenn E. Moglen and R. Edward Beighley, HE Apr. 00, p190-196.

Catchments
Moments of Runoff Coefficient and Peak Discharge Estimation in Urban Catchments, Gianfranco Becciu and Alessandro Paoletti, HE Apr. 00, p197-205.

Regional Flood Formulas for Seven Subzones of Zone 3 of India, Rakesh Kumar, R. D. Singh and S. M. Seth, HE July 99, p240-244.

Transmuting Synthetic Unit Hydrographs into Gamma Distribution, Sushil K. Singh, HE Oct. 00, p380-385.

Characteristics
Characterization of Drought across Climatic Spectrum, Victor M. Ponce, Rajendra P. Pandey and Sezar Ercan, HE Apr. 00, p222-224.

Classification
Classification of River Basins Using Artificial Neural Network, B. S. Thandaveswara and N. Sajikumar, HE July 00, p290-298.

Climatic changes
Characterization of Drought across Climatic Spectrum, Victor M. Ponce, Rajendra P. Pandey and Sezar Ercan, HE Apr. 00, p222-224.

Linear Air/Water Temperature Correlations for Streams during Open Water Periods, Troy R. Erickson and Heinz G. Stefan, HE July 00, p317-321.

Climatic data
Assessing Hydrologic Drought Risk Using Simplified Climate Model, Michael L. Anderson, M. Levent Kavvas and Michael D. Mierzwa, HE Oct. 00, p393-401.

Climatology
Assessing Hydrologic Drought Risk Using Simplified Climate Model, Michael L. Anderson, M. Levent Kavvas and Michael D. Mierzwa, HE Oct. 00, p393-401.

Coastal environment
Optimization Based Solution of Density Dependent Seawater Intrusion in Coastal Aquifers, Amlan Das and Bithin Datta, HE Jan. 00, p82-89.

Comparative studies
Performance Evaluation of Artificial Neural Networks for Runoff Prediction, Amin Elshorbagy, S. P. Simonovic, P.E. and U. S. Panu, P.E., HE Oct. 00, p424-427.

Computers
Editorial, R. S. Govindaraju and A. Ramachandra Rao, HE July 00, p225-226.

Conservation
Conservation Equations for Ground-Water Velocity in General Conditions, A. Karakas and M. L. Kavvas, HE Apr. 00, p206-216.

Contaminants
Contaminant Source Solutions with Scale-Dependent Dispersitivities, Bruce Hunt, HE Oct. 98, p268-275.

Estimation of Harmonic Mean of Lognormal Variable, James F. Limbrunner, Richard M. Vogel and Linfield C. Brown, HE Jan. 00, p59-66.

Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, Chittaranjan Ray and Kris K. Klindworth, HE Apr. 00, p162-171.

Solving 3D Subsurface Flow and Transport with Adaptive Multigrid, Ming-Hsu Li, Hwai-Ping Cheng and Gour-Tsyh Yeh, HE Jan. 00, p74-81.

Cost effectiveness
Entropy-Based Assessment of Water Quality Monitoring Networks, Sevinc Ozkul, Nilgun Harmancioglu and Vijay P. Singh, HE Jan. 00, p90-100.

Curve fitting
Setting Up Stage-Discharge Relations Using ANN, S. K. Jain and D. Chalisgaonkar, HE Oct. 00, p428-433.

Decision making
Skew-Dependent Detection of Change of Central Tendency in Hydrologic Data, Benjamin S. Levy and Richard H. McCuen, HE Jan. 00, p43-51.

Diffusion
Application of Diffusion Processes to Runoff Estimation, Richard Labib, Mario Lefebvre, Joseph Ribeiro, Jean Rousselle and Hau Ta Trung, HE Jan. 00, p1-7.

Diffusivity
Explicit Aquifer Diffusivity Estimation Using Linearly Varying Stream Stage, Chandra Shekhar P. Ojha, HE Apr. 00, p218-221.

Digital terrain model
Using GIS to Determine Extent of Gauged Streams in a Region, Glenn E. Moglen and R. Edward Beighley, HE Apr. 00, p190-196.

Discharge
Moments of Runoff Coefficient and Peak Discharge Estimation in Urban Catchments, Gianfranco Becciu and Alessandro Paoletti, HE Apr. 00, p197-205.

Setting Up Stage-Discharge Relations Using ANN, S. K. Jain and D. Chalisgaonkar, HE Oct. 00, p428-433.

Discharge measurement
Evaluation of Peak Discharge Transposition, Richard H. McCuen and Benjamin S. Levy, HE July 00, p278-289.

Dispersion
Contaminant Source Solutions with Scale-Dependent Dispersitivities, Bruce Hunt, HE Oct. 98, p268-275.

Overlapping Control Volume Method for Solute Transport, Atul Kumar Verma, S. Murty Bhallamudi and V. Eswaran, HE July 00, p308-316.

Distribution functions
Transmuting Synthetic Unit Hydrographs into Gamma Distribution, Sushil K. Singh, HE Oct. 00, p380-385.

Distribution patterns
Tall Tales about Tails of Hydrological Distributions. I, Vít Klemeš, P.E., HE July 00, p227-231.

Drainage
Representation of Snow in Urban Drainage Models, Annette F. Semádeni-Davies, HE Oct. 00, p363-370.

Drainage basins
Application of Diffusion Processes to Runoff Estimation, Richard Labib, Mario Lefebvre, Joseph Ribeiro, Jean Rousselle and Hau Ta Trung, HE Jan. 00, p1-7.

Drainage systems
Moments of Runoff Coefficient and Peak Discharge Estimation in Urban Catchments, Gianfranco Becciu and Alessandro Paoletti, HE Apr. 00, p197-205.

Droughts
Assessing Hydrologic Drought Risk Using Simplified Climate Model, Michael L. Anderson, M. Levent Kavvas and Michael D. Mierzwa, HE Oct. 00, p393-401.

Characterization of Drought across Climatic Spectrum, Victor M. Ponce, Rajendra P. Pandey and Sezar Ercan, HE Apr. 00, p222-224.

Drought Occurrence Probabilities and Risks of Dependent Hydrologic Processes, Chen-hua Chung and Jose D. Salas, HE July 00, p259-268.

Regional Drought Analysis Based on Neural Networks, Hyun-Suk Shin and Jose D. Salas, HE Apr. 00, p145-155.

Efficiency
Entropy-Based Assessment of Water Quality Monitoring Networks, Sevinc Ozkul, Nilgun Harmancioglu and Vijay P. Singh, HE Jan. 00, p90-100.

Egypt
Improving Forecasts of Nile Flood Using SST Inputs in TFN Model, A. G. Awadallah and J. Rousselle, HE Oct. 00, p371-379.

Empirical equations
Conservation Equations for Ground-Water Velocity in General Conditions, A. Karakas and M. L. Kavvas, HE Apr. 00, p206-216.

Tall Tales about Tails of Hydrological Distributions. I, Vít Klemeš, P.E., HE July 00, p227-231.

Entropy
Entropy-Based Assessment of Water Quality Monitoring Networks, Sevinc Ozkul, Nilgun Harmancioglu and Vijay P. Singh, HE Jan. 00, p90-100.

Ephemeral streams
Channel Infiltration in Solitario Canyon, Yucca Mountain, Nevada, David A. Woolhiser, Stuart A. Stothoff and Gordon W. Wittmeyer, HE July 00, p240-249.

Error analysis
Performance Evaluation of Artificial Neural Networks for Runoff Prediction, Amin Elshorbagy, S. P. Simonovic, P.E. and U. S. Panu, P.E., HE Oct. 00, p424-427.

Estimation
Estimation of Harmonic Mean of Lognormal Variable, James F. Limbrunner, Richard M. Vogel and Linfield C. Brown, HE Jan. 00, p59-66.

Evolutionary computation
Enhancements to Genetic Algorithm for Optimal Ground-Water Management, Jahangir Morshed and Jagath J. Kaluarachchi, HE Jan. 00, p67-73.

Finite differences
Analysis of Muskingum Equation Based Flood Routing Schemes, John J. Gelegenis and Sergio E. Serrano, HE Jan. 00, p102-105.

Flash floods
Characterization of Flash Floods in Eastern Kentucky, Nageshwar R. Bhaskar, Mark N. French and George K. Kyiamah, HE July 00, p327-331.

SUBJECT INDEX

Aggregation
Rainfall Disaggregation Using Artificial Neural Networks, Steven J. Burian, S. Rocky Durrans, Saša Tomić, Russell L. Pimmel and Chung Ngai Wai, HE July 00, p299-307.

Agricultural wastes
Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, Chittaranjan Ray and Kris K. Klindworth, HE Apr. 00, p162-171.

Air temperature
Linear Air/Water Temperature Correlations for Streams during Open Water Periods, Troy R. Erickson and Heinz G. Stefan, HE July 00, p317-321.

Algorithms
Novel System for Automatic Pavement Distress Detection, H. D. Cheng and M. Miyojim, CP July 98, p145-152.

Aquifers
Explicit Aquifer Diffusivity Estimation Using Linearly Varying Stream Stage, Chandra Shekhar P. Ojha, HE Apr. 00, p218-221.

Optimization Based Solution of Density Dependent Seawater Intrusion in Coastal Aquifers, Amlan Das and Bithin Datta, HE Jan. 00, p82-89.

Arid lands
Application of Gamma Autoregressive Model to Analysis of Dry Periods, Hikmet Kerem Cığızoğlu and M. Bayazıt, HE July 98, p218-221.

Channel Infiltration in Solitario Canyon, Yucca Mountain, Nevada, David A. Woolhiser, Stuart A. Stothoff and Gordon W. Wittmeyer, HE July 00, p240-249.

Autocorrelation
Application of Gamma Autoregressive Model to Analysis of Dry Periods, Hikmet Kerem Cığızoğlu and M. Bayazıt, HE July 98, p218-221.

Automation
Novel System for Automatic Pavement Distress Detection, H. D. Cheng and M. Miyojim, CP July 98, p145-152.

Auto-regressive models
Application of Gamma Autoregressive Model to Analysis of Dry Periods, Hikmet Kerem Cığızoğlu and M. Bayazıt, HE July 98, p218-221.

Auto-regressive moving-average model
Drought Occurrence Probabilities and Risks of Dependent Hydrologic Processes, Chen-hua Chung and Jose D. Salas, HE July 00, p259-268.

Base flow
Multivariate Technique for Baseflow Separation Using Water Quality/Quantity Data, S. Shukla, S. Mostaghimi, B. Petrauskas and M. Al-Smadi, HE Apr. 00, p172-179.

Basins
Effects of Unsaturated Zone on Ground-Water Mounding, D. M. Sumner, D. E. Rolston and M. A. Mariño, HE Jan. 99, p65-69.

Sediment Delivery Distributed (SEDD) Model, Vito Ferro and Paolo Porto, HE Oct. 00, p411-422.

Case reports
Using GIS to Determine Extent of Gauged Streams in a Region, Glenn E. Moglen and R. Edward Beighley, HE Apr. 00, p190-196.

Catchments
Moments of Runoff Coefficient and Peak Discharge Estimation in Urban Catchments, Gianfranco Becciu and Alessandro Paoletti, HE Apr. 00, p197-205.

Regional Flood Formulas for Seven Subzones of Zone 3 of India, Rakesh Kumar, R. D. Singh and S. M. Seth, HE July 99, p240-244.

Transmuting Synthetic Unit Hydrographs into Gamma Distribution, Sushil K. Singh, HE Oct. 00, p380-385.

Characteristics
Characterization of Drought across Climatic Spectrum, Victor M. Ponce, Rajendra P. Pandey and Sezar Ercan, HE Apr. 00, p222-224.

Classification
Classification of River Basins Using Artificial Neural Network, B. S. Thandaveswara and N. Sajikumar, HE July 00, p290-298.

Climatic changes
Characterization of Drought across Climatic Spectrum, Victor M. Ponce, Rajendra P. Pandey and Sezar Ercan, HE Apr. 00, p222-224.

Linear Air/Water Temperature Correlations for Streams during Open Water Periods, Troy R. Erickson and Heinz G. Stefan, HE July 00, p317-321.

Climatic data
Assessing Hydrologic Drought Risk Using Simplified Climate Model, Michael L. Anderson, M. Levent Kavvas and Michael D. Mierzwa, HE Oct. 00, p393-401.

Climatology
Assessing Hydrologic Drought Risk Using Simplified Climate Model, Michael L. Anderson, M. Levent Kavvas and Michael D. Mierzwa, HE Oct. 00, p393-401.

Coastal environment
Optimization Based Solution of Density Dependent Seawater Intrusion in Coastal Aquifers, Amlan Das and Bithin Datta, HE Jan. 00, p82-89.

Comparative studies
Performance Evaluation of Artificial Neural Networks for Runoff Prediction, Amin Elshorbagy, S. P. Simonovic, P.E. and U. S. Panu, P.E., HE Oct. 00, p424-427.

Computers
Editorial, R. S. Govindaraju and A. Ramachandra Rao, HE July 00, p225-226.

Conservation
Conservation Equations for Ground-Water Velocity in General Conditions, A. Karakas and M. L. Kavvas, HE Apr. 00, p206-216.

Contaminants
Contaminant Source Solutions with Scale-Dependent Dispersitivities, Bruce Hunt, HE Oct. 98, p268-275.

Estimation of Harmonic Mean of Lognormal Variable, James F. Limbrunner, Richard M. Vogel and Linfield C. Brown, HE Jan. 00, p59-66.

Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, Chittaranjan Ray and Kris K. Klindworth, HE Apr. 00, p162-171.

Solving 3D Subsurface Flow and Transport with Adaptive Multigrid, Ming-Hsu Li, Hwai-Ping Cheng and Gour-Tsyh Yeh, HE Jan. 00, p74-81.

Cost effectiveness
Entropy-Based Assessment of Water Quality Monitoring Networks, Sevinc Ozkul, Nilgun Harmancioglu and Vijay P. Singh, HE Jan. 00, p90-100.

Curve fitting
Setting Up Stage-Discharge Relations Using ANN, S. K. Jain and D. Chalisgaonkar, HE Oct. 00, p428-433.

Decision making
Skew-Dependent Detection of Change of Central Tendency in Hydrologic Data, Benjamin S. Levy and Richard H. McCuen, HE Jan. 00, p43-51.

Diffusion
Application of Diffusion Processes to Runoff Estimation, Richard Labib, Mario Lefebvre, Joseph Ribeiro, Jean Rousselle and Hau Ta Trung, HE Jan. 00, p1-7.

Diffusivity
Explicit Aquifer Diffusivity Estimation Using Linearly Varying Stream Stage, Chandra Shekhar P. Ojha, HE Apr. 00, p218-221.

Digital terrain model
Using GIS to Determine Extent of Gauged Streams in a Region, Glenn E. Moglen and R. Edward Beighley, HE Apr. 00, p190-196.

Discharge
Moments of Runoff Coefficient and Peak Discharge Estimation in Urban Catchments, Gianfranco Becciu and Alessandro Paoletti, HE Apr. 00, p197-205.

Setting Up Stage-Discharge Relations Using ANN, S. K. Jain and D. Chalisgaonkar, HE Oct. 00, p428-433.

Discharge measurement
Evaluation of Peak Discharge Transposition, Richard H. McCuen and Benjamin S. Levy, HE July 00, p278-289.

Dispersion
Contaminant Source Solutions with Scale-Dependent Dispersitivities, Bruce Hunt, HE Oct. 98, p268-275.

Overlapping Control Volume Method for Solute Transport, Atul Kumar Verma, S. Murty Bhallamudi and V. Eswaran, HE July 00, p308-316.

Distribution functions
Transmuting Synthetic Unit Hydrographs into Gamma Distribution, Sushil K. Singh, HE Oct. 00, p380-385.

Distribution patterns
Tall Tales about Tails of Hydrological Distributions. I, Vít Klemeš, P.E., HE July 00, p227-231.

Drainage
Representation of Snow in Urban Drainage Models, Annette F. Semádeni-Davies, HE Oct. 00, p363-370.

Drainage basins
Application of Diffusion Processes to Runoff Estimation, Richard Labib, Mario Lefebvre, Joseph Ribeiro, Jean Rousselle and Hau Ta Trung, HE Jan. 00, p1-7.

Drainage systems
Moments of Runoff Coefficient and Peak Discharge Estimation in Urban Catchments, Gianfranco Becciu and Alessandro Paoletti, HE Apr. 00, p197-205.

Droughts
Assessing Hydrologic Drought Risk Using Simplified Climate Model, Michael L. Anderson, M. Levent Kavvas and Michael D. Mierzwa, HE Oct. 00, p393-401.

Characterization of Drought across Climatic Spectrum, Victor M. Ponce, Rajendra P. Pandey and Sezar Ercan, HE Apr. 00, p222-224.

Drought Occurrence Probabilities and Risks of Dependent Hydrologic Processes, Chen-hua Chung and Jose D. Salas, HE July 00, p259-268.

Regional Drought Analysis Based on Neural Networks, Hyun-Suk Shin and Jose D. Salas, HE Apr. 00, p145-155.

Efficiency
Entropy-Based Assessment of Water Quality Monitoring Networks, Sevinc Ozkul, Nilgun Harmancioglu and Vijay P. Singh, HE Jan. 00, p90-100.

Egypt
Improving Forecasts of Nile Flood Using SST Inputs in TFN Model, A. G. Awadallah and J. Rousselle, HE Oct. 00, p371-379.

Empirical equations
Conservation Equations for Ground-Water Velocity in General Conditions, A. Karakas and M. L. Kavvas, HE Apr. 00, p206-216.

Tall Tales about Tails of Hydrological Distributions. I, Vít Klemeš, P.E., HE July 00, p227-231.

Entropy
Entropy-Based Assessment of Water Quality Monitoring Networks, Sevinc Ozkul, Nilgun Harmancioglu and Vijay P. Singh, HE Jan. 00, p90-100.

Ephemeral streams
Channel Infiltration in Solitario Canyon, Yucca Mountain, Nevada, David A. Woolhiser, Stuart A. Stothoff and Gordon W. Wittmeyer, HE July 00, p240-249.

Error analysis
Performance Evaluation of Artificial Neural Networks for Runoff Prediction, Amin Elshorbagy, S. P. Simonovic, P.E. and U. S. Panu, P.E., HE Oct. 00, p424-427.

Estimation
Estimation of Harmonic Mean of Lognormal Variable, James F. Limbrunner, Richard M. Vogel and Linfield C. Brown, HE Jan. 00, p59-66.

Evolutionary computation
Enhancements to Genetic Algorithm for Optimal Ground-Water Management, Jahangir Morshed and Jagath J. Kaluarachchi, HE Jan. 00, p67-73.

Finite differences
Analysis of Muskingum Equation Based Flood Routing Schemes, John J. Gelegenis and Sergio E. Serrano, HE Jan. 00, p102-105.

Flash floods
Characterization of Flash Floods in Eastern Kentucky, Nageshwar R. Bhaskar, Mark N. French and George K. Kyiamah, HE July 00, p327-331.

Flood forecasting

Application of Gray and Fuzzy Methods for Rainfall Forecasting, Pao-Shan Yu and Chia-Jung Chen, HE Oct. 00, p339-345.

Evaluation of Peak Discharge Transposition, Richard H. McCuen and Benjamin S. Levy, HE July 00, p278-289.

Improving Forecasts of Nile Flood Using SST Inputs in TFN Model, A. G. Awadallah and J. Rousselle, HE Oct. 00, p371-379.

NEXRAD Radar for Flood Prediction in Houston, Philip B. Bedient, Brian C. Hoblit, Dawn C. Gladwell and Baxter E. Vieux, HE July 00, p269-277.

Flood frequency

Regional Flood Formulas for Seven Subzones of Zone 3 of India, Rakesh Kumar, R. D. Singh and S. M. Seth, HE July 99, p240-244.

Flood peaks

Characterization of Flash Floods in Eastern Kentucky, Nageshwar R. Bhaskar, Mark N. French and George K. Kyiamah, HE July 00, p327-331.

Flood plains

Nonkinematic Effects in Storm Hydrograph Routing, Richard D. Crago and S. Mark Richards, HE July 00, p323-326.

Flood routing

Analysis of Muskingum Equation Based Flood Routing Schemes, John J. Gelegenis and Sergio E. Serrano, HE Jan. 00, p102-105.

Nonkinematic Effects in Storm Hydrograph Routing, Richard D. Crago and S. Mark Richards, HE July 00, p323-326.

Flooding

Hydraulic Vulnerability of Elementary Urban Cell, Benoît Hingray, Bernard Cappelaere, Christophe Bouvier and Michel Desbordes, HE Oct. 00, p402-410.

Floods

Nonkinematic Effects in Storm Hydrograph Routing, Richard D. Crago and S. Mark Richards, HE July 00, p323-326.

Flow patterns

Hybrid Stochastic Model for Daily Flows Simulation in Semiarid Climates, N. D. Evora and J. Rousselle, HE Jan. 00, p32-42.

Flow rates

Multivariate Technique for Baseflow Separation Using Water Quality/Quantity Data, S. Shukla, S. Mostaghimi, B. Petrauskas and M. Al-Smadi, HE Apr. 00, p172-179.

Flow simulation

Hybrid Stochastic Model for Daily Flows Simulation in Semiarid Climates, N. D. Evora and J. Rousselle, HE Jan. 00, p32-42.

Forecasting

Application of Diffusion Processes to Runoff Estimation, Richard Labib, Mario Lefebvre, Joseph Ribeiro, Jean Rousselle and Hau Ta Trung, HE Jan. 00, p1-7.

Application of Gray and Fuzzy Methods for Rainfall Forecasting, Pao-Shan Yu and Chia-Jung Chen, HE Oct. 00, p339-345.

Hydrological Forecasting Using Neural Networks, Konda Thirumalaiah and Makarand C. Deo, HE Apr. 00, p180-189.

Frequency analysis

Tall Tales about Tails of Hydrological Distributions. I, Vít Klemeš, P.E., HE July 00, p227-231.

Tall Tales about Tails of Hydrological Distributions. II, Vít Klemeš, P.E., HE July 00, p232-239.

Fuzzy sets

Application of Gray and Fuzzy Methods for Rainfall Forecasting, Pao-Shan Yu and Chia-Jung Chen, HE Oct. 00, p339-345.

Gaging stations

Evaluation of Peak Discharge Transposition, Richard H. McCuen and Benjamin S. Levy, HE July 00, p278-289.

Gamma function

Transmuting Synthetic Unit Hydrographs into Gamma Distribution, Sushil K. Singh, HE Oct. 00, p380-385.

Geographic information systems

Using GIS to Determine Extent of Gauged Streams in a Region, Glenn E. Moglen and R. Edward Beighley, HE Apr. 00, p190-196.

Grid systems

Grid-Size Effects on Surface Runoff Modeling, D. K. Molnár and P. Y. Julien, HE Jan. 00, p8-16.

Ground water

Overlapping Control Volume Method for Solute Transport, Atul Kumar Verma, S. Murty Bhallamudi and V. Eswaran, HE July 00, p308-316.

Ground-water flow

Conservation Equations for Ground-Water Velocity in General Conditions, A. Karakas and M. L. Kavvas, HE Apr. 00, p206-216.

Optimization Based Solution of Density Dependent Seawater Intrusion in Coastal Aquifers, Amlan Das and Bithin Datta, HE Jan. 00, p82-89.

SHETRAN: Distributed River Basin Flow and Transport Modeling System, John Ewen, Geoff Parkin and Patrick Enda O'Connell, HE July 00, p250-258.

Ground-water management

Enhancements to Genetic Algorithm for Optimal Ground-Water Management, Jahangir Morshed and Jagath J. Kaluarachchi, HE Jan. 00, p67-73.

Ground-water mounding

Effects of Unsaturated Zone on Ground-Water Mounding, D. M. Sumner, D. E. Rolston and M. A. Mariño, HE Jan. 99, p65-69.

Ground-water pollution

Contaminant Source Solutions with Scale-Dependent Dispersitivities, Bruce Hunt, HE Oct. 98, p268-275.

Guidelines

Representation of Snow in Urban Drainage Models, Annette F. Semádeni-Davies, HE Oct. 00, p363-370.

Homogeneity

Classification of River Basins Using Artificial Neural Network, B. S. Thandaveswara and N. Sajikumar, HE July 00, p290-298.

Hydraulic conductivity

Conservation Equations for Ground-Water Velocity in General Conditions, A. Karakas and M. L. Kavvas, HE Apr. 00, p206-216.

Hydraulic properties

Hydraulic Vulnerability of Elementary Urban Cell, Benoît Hingray, Bernard Cappelaere, Christophe Bouvier and Michel Desbordes, HE Oct. 00, p402-410.

Hydraulics

Nonkinematic Effects in Storm Hydrograph Routing, Richard D. Crago and S. Mark Richards, HE July 00, p323-326.

Hydrographs

Characterization of Flash Floods in Eastern Kentucky, Nageshwar R. Bhaskar, Mark N. French and George K. Kyiamah, HE July 00, p327-331.

Daily Streamflow Simulation Using Recession Characteristics, N. T. Kottegoda, L. Natale and E. Raiteri, HE Jan. 00, p17-24.

Effect of Wind on Precipitation Intercepted by Steep Mountain Slopes, Stefano Orlandini and Alberto Lamberti, HE Oct. 00, p346-354.

Multivariate Technique for Baseflow Separation Using Water Quality/Quantity Data, S. Shukla, S. Mostaghimi, B. Petrauskas and M. Al-Smadi, HE Apr. 00, p172-179.

Hydrologic data

Application of Diffusion Processes to Runoff Estimation, Richard Labib, Mario Lefebvre, Joseph Ribeiro, Jean Rousselle and Hau Ta Trung, HE Jan. 00, p1-7.

Artificial Neural Networks in Remote Sensing of Hydrologic Processes, Shafiqul Islam and Ravi Kothari, HE Apr. 00, p138-144.

Skew-Dependent Detection of Change of Central Tendency in Hydrologic Data, Benjamin S. Levy and Richard H. McCuen, HE Jan. 00, p43-51.

Hydrologic models

Grid-Size Effects on Surface Runoff Modeling, D. K. Molnár and P. Y. Julien, HE Jan. 00, p8-16.

NEXRAD Radar for Flood Prediction in Houston, Philip B. Bedient, Brian C. Hoblit, Dawn C. Gladwell and Baxter E. Vieux, HE July 00, p269-277.

Rainfall Disaggregation Using Artificial Neural Networks, Steven J. Burian, S. Rocky Durrans, Saša Tomić, Russell L. Pimmel and Chung Ngai Wai, HE July 00, p299-307.

Hydrologic properties

Classification of River Basins Using Artificial Neural Network, B. S. Thandaveswara and N. Sajikumar, HE July 00, p290-298.

Hydrology

Artificial Neural Networks in Hydrology. I: Preliminary Concepts, ASCE Task Committee on Application of Artificial Neural Networks in Hydrology, (Rao S. Govindaraju, chmn.), HE Apr. 00, p115-123.

Artificial Neural Networks in Hydrology. II: Hydrologic Applications, ASCE Task Committee on Application of Artificial Neural Networks in Hydrology, (Rao S. Govindaraju, chmn.), HE Apr. 00, p124-137.

Channel Infiltration in Solitario Canyon, Yucca Mountain, Nevada, David A. Woolhiser, Stuart A. Stothoff and Gordon W. Wittmeyer, HE July 00, p240-249.

Drought Occurrence Probabilities and Risks of Dependent Hydrologic Processes, Chen-hua Chung and Jose D. Salas, HE July 00, p259-268.

Editorial, R. S. Govindaraju and A. Ramachandra Rao, HE July 00, p225-226.

Tall Tales about Tails of Hydrological Distributions. I, Vít Klemeš, P.E., HE July 00, p227-231.

Tall Tales about Tails of Hydrological Distributions. II, Vít Klemeš, P.E., HE July 00, p232-239.

Hysteresis

Setting Up Stage-Discharge Relations Using ANN, S. K. Jain and D. Chalisgaonkar, HE Oct. 00, p428-433.

Image analysis

Novel System for Automatic Pavement Distress Detection, H. D. Cheng and M. Miyojim, CP July 98, p145-152.

India

Regional Flood Formulas for Seven Subzones of Zone 3 of India, Rakesh Kumar, R. D. Singh and S. M. Seth, HE July 99, p240-244.

Infiltration

Channel Infiltration in Solitario Canyon, Yucca Mountain, Nevada, David A. Woolhiser, Stuart A. Stothoff and Gordon W. Wittmeyer, HE July 00, p240-249.

Effects of Unsaturated Zone on Ground-Water Mounding, D. M. Sumner, D. E. Rolston and M. A. Mariño, HE Jan. 99, p65-69.

Model to Simulate Rainfall Excess Patterns on Randomly Heterogeneous Areas, R. E. Smith and D. C. Goodrich, HE Oct. 00, p355-362.

Interfaces

Explicit Aquifer Diffusivity Estimation Using Linearly Varying Stream Stage, Chandra Shekhar P. Ojha, HE Apr. 00, p218-221.

Kriging

Spatial Analysis of Remotely Sensed Soil Moisture Data, Deeptha Thattai and Shafiqul Islam, HE Oct. 00, p386-392.

Linear analysis

Analysis of Muskingum Equation Based Flood Routing Schemes, John J. Gelegenis and Sergio E. Serrano, HE Jan. 00, p102-105.

Explicit Aquifer Diffusivity Estimation Using Linearly Varying Stream Stage, Chandra Shekhar P. Ojha, HE Apr. 00, p218-221.

Linear Air/Water Temperature Correlations for Streams during Open Water Periods, Troy R. Erickson and Heinz G. Stefan, HE July 00, p317-321.

Mapping

Artificial Neural Networks in Hydrology. I: Preliminary Concepts, ASCE Task Committee on Application of Artificial Neural Networks in Hydrology, (Rao S. Govindaraju, chmn.), HE Apr. 00, p115-123.

Maryland

Using GIS to Determine Extent of Gauged Streams in a Region, Glenn E. Moglen and R. Edward Beighley, HE Apr. 00, p190-196.

Mathematical models

Tall Tales about Tails of Hydrological Distributions. I, Vít Klemeš, P.E., HE July 00, p227-231.

Tall Tales about Tails of Hydrological Distributions. II, Vít Klemeš, P.E., HE July 00, p232-239.

Matrices, mathematics

Solving 3D Subsurface Flow and Transport with Adaptive Multigrid, Ming-Hsu Li, Hwai-Ping Cheng and Gour-Tsyh Yeh, HE Jan. 00, p74-81.

Modeling
Editorial, R. S. Govindaraju and A. Ramachandra Rao, HE July 00, p225-226.
Improving Forecasts of Nile Flood Using SST Inputs in TFN Model, A. G. Awadallah and J. Rousselle, HE Oct. 00, p371-379.
Sediment Delivery Distributed (SEDD) Model, Vito Ferro and Paolo Porto, HE Oct. 00, p411-422.
SHETRAN: Distributed River Basin Flow and Transport Modeling System, John Ewen, Geoff Parkin and Patrick Enda O'Connell, HE July 00, p250-258.
Simple Nonlinear Rainfall-Runoff Model, H. A. Basha, HE Jan. 00, p25-32.

Models
Artificial Neural Networks in Hydrology. I: Preliminary Concepts, ASCE Task Committee on Application of Artificial Neural Networks in Hydrology, (Rao S. Govindaraju, chmn.), HE Apr. 00, p115-123.
Artificial Neural Networks in Hydrology. II: Hydrologic Applications, ASCE Task Committee on Application of Artificial Neural Networks in Hydrology, (Rao S. Govindaraju, chmn.), HE Apr. 00, p124-137.
Characterization of Drought across Climatic Spectrum, Victor M. Ponce, Rajendra P. Pandey and Sezar Ercan, HE Apr. 00, p222-224.
Model to Simulate Rainfall Excess Patterns on Randomly Heterogeneous Areas, R. E. Smith and D. C. Goodrich, HE Oct. 00, p355-362.
Precipitation-Runoff Modeling Using Artificial Neural Networks and Conceptual Models, A. Sezin Tokar and Momcilo Markus, HE Apr. 00, p156-161.
Representation of Snow in Urban Drainage Models, Annette F. Semádeni-Davies, HE Oct. 00, p363-370.

Monitoring
Entropy-Based Assessment of Water Quality Monitoring Networks, Sevinc Ozkul, Nilgun Harmancioglu and Vijay P. Singh, HE Jan. 00, p90-100.
Novel System for Automatic Pavement Distress Detection, H. D. Cheng and M. Miyojim, CP July 98, p145-152.

Monte Carlo method
Conditional Distributions of Ideal Reservoir Storage Variables, M. Bayazit and B. Önöz, HE Jan. 00, p52-58.

Mountains
Effect of Wind on Precipitation Intercepted by Steep Mountain Slopes, Stefano Orlandini and Alberto Lamberti, HE Oct. 00, p346-354.

Neural networks
Artificial Neural Networks in Hydrology. I: Preliminary Concepts, ASCE Task Committee on Application of Artificial Neural Networks in Hydrology, (Rao S. Govindaraju, chmn.), HE Apr. 00, p115-123.
Artificial Neural Networks in Hydrology. II: Hydrologic Applications, ASCE Task Committee on Application of Artificial Neural Networks in Hydrology, (Rao S. Govindaraju, chmn.), HE Apr. 00, p124-137.
Artificial Neural Networks in Remote Sensing of Hydrologic Processes, Shafiqul Islam and Ravi Kothari, HE Apr. 00, p138-144.
Classification of River Basins Using Artificial Neural Network, B. S. Thandaveswara and N. Sajikumar, HE July 00, p290-298.
Editorial, R. S. Govindaraju and A. Ramachandra Rao, HE July 00, p225-226.
Hydrological Forecasting Using Neural Networks, Konda Thirumalaiah and Makarand C. Deo, HE Apr. 00, p180-189.
Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, Chittaranjan Ray and Kris K. Klindworth, HE Apr. 00, p162-171.
Performance Evaluation of Artificial Neural Networks for Runoff Prediction, Amin Elshorbagy, S. P. Simonovic, P.E. and U. S. Panu, P.E., HE Oct. 00, p424-427.
Precipitation-Runoff Modeling Using Artificial Neural Networks and Conceptual Models, A. Sezin Tokar and Momcilo Markus, HE Apr. 00, p156-161.
Regional Drought Analysis Based on Neural Networks, Hyun-Suk Shin and Jose D. Salas, HE Apr. 00, p145-155.
Setting Up Stage-Discharge Relations Using ANN, S. K. Jain and D. Chalisgaonkar, HE Oct. 00, p428-433.

New York City
Weather Effects on Daily Water Use in New York City, Angelos L. Protopapas, Sunisa Katchamart and Alina Platonova, HE July 00, p332-338.

Nile River
Improving Forecasts of Nile Flood Using SST Inputs in TFN Model, A. G. Awadallah and J. Rousselle, HE Oct. 00, p371-379.

Nitrates
Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, Chittaranjan Ray and Kris K. Klindworth, HE Apr. 00, p162-171.

Nonlinear analysis
Optimization Based Solution of Density Dependent Seawater Intrusion in Coastal Aquifers, Amlan Das and Bithin Datta, HE Jan. 00, p82-89.
Simple Nonlinear Rainfall-Runoff Model, H. A. Basha, HE Jan. 00, p25-32.

Nonlinear programming
Enhancements to Genetic Algorithm for Optimal Ground-Water Management, Jahangir Morshed and Jagath J. Kaluarachchi, HE Jan. 00, p67-73.

Nonlinear systems
Artificial Neural Networks in Hydrology. II: Hydrologic Applications, ASCE Task Committee on Application of Artificial Neural Networks in Hydrology, (Rao S. Govindaraju, chmn.), HE Apr. 00, p124-137.

Numerical analysis
Overlapping Control Volume Method for Solute Transport, Atul Kumar Verma, S. Murty Bhallamudi and V. Eswaran, HE July 00, p308-316.

Numerical models
Solving 3D Subsurface Flow and Transport with Adaptive Multigrid, Ming-Hsu Li, Hwai-Ping Cheng and Gour-Tsyh Yeh, HE Jan. 00, p74-81.

Open channels
Nonkinematic Effects in Storm Hydrograph Routing, Richard D. Crago and S. Mark Richards, HE July 00, p323-326.

Optimization
Enhancements to Genetic Algorithm for Optimal Ground-Water Management, Jahangir Morshed and Jagath J. Kaluarachchi, HE Jan. 00, p67-73.
Optimization Based Solution of Density Dependent Seawater Intrusion in Coastal Aquifers, Amlan Das and Bithin Datta, HE Jan. 00, p82-89.

Parameters
Analysis of Muskingum Equation Based Flood Routing Schemes, John J. Gelegenis and Sergio E. Serrano, HE Jan. 00, p102-105.

Pavement damage
Novel System for Automatic Pavement Distress Detection, H. D. Cheng and M. Miyojim, CP July 98, p145-152.

Peak floods
Regional Flood Formulas for Seven Subzones of Zone 3 of India, Rakesh Kumar, R. D. Singh and S. M. Seth, HE July 99, p240-244.

Performance evaluation
Performance Evaluation of Artificial Neural Networks for Runoff Prediction, Amin Elshorbagy, S. P. Simonovic, P.E. and U. S. Panu, P.E., HE Oct. 00, p424-427.

Permeability
Estimation of Harmonic Mean of Lognormal Variable, James F. Limbrunner, Richard M. Vogel and Linfield C. Brown, HE Jan. 00, p59-66.
Hydraulic Vulnerability of Elementary Urban Cell, Benoît Hingray, Bernard Cappelaere, Christophe Bouvier and Michel Desbordes, HE Oct. 00, p402-410.

Pesticides
Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, Chittaranjan Ray and Kris K. Klindworth, HE Apr. 00, p162-171.

Porous media
Estimation of Harmonic Mean of Lognormal Variable, James F. Limbrunner, Richard M. Vogel and Linfield C. Brown, HE Jan. 00, p59-66.

Precipitation
Artificial Neural Networks in Remote Sensing of Hydrologic Processes, Shafiqul Islam and Ravi Kothari, HE Apr. 00, p138-144.
Characterization of Drought across Climatic Spectrum, Victor M. Ponce, Rajendra P. Pandey and Sezar Ercan, HE Apr. 00, p222-224.
Hybrid Stochastic Model for Daily Flows Simulation in Semiarid Climates, N. D. Evora and J. Rousselle, HE Jan. 00, p32-42.
Precipitation-Runoff Modeling Using Artificial Neural Networks and Conceptual Models, A. Sezin Tokar and Momcilo Markus, HE Apr. 00, p156-161.
Regional Drought Analysis Based on Neural Networks, Hyun-Suk Shin and Jose D. Salas, HE Apr. 00, p145-155.

Predictions
Performance Evaluation of Artificial Neural Networks for Runoff Prediction, Amin Elshorbagy, S. P. Simonovic, P.E. and U. S. Panu, P.E., HE Oct. 00, p424-427.

Probability
Regional Drought Analysis Based on Neural Networks, Hyun-Suk Shin and Jose D. Salas, HE Apr. 00, p145-155.

Probability distribution
Tall Tales about Tails of Hydrological Distributions. I, Vít Klemeš, P.E., HE July 00, p227-231.
Tall Tales about Tails of Hydrological Distributions. II, Vít Klemeš, P.E., HE July 00, p232-239.

Radar
NEXRAD Radar for Flood Prediction in Houston, Philip B. Bedient, Brian C. Hoblit, Dawn C. Gladwell and Baxter E. Vieux, HE July 00, p269-277.

Rain gages
NEXRAD Radar for Flood Prediction in Houston, Philip B. Bedient, Brian C. Hoblit, Dawn C. Gladwell and Baxter E. Vieux, HE July 00, p269-277.

Rainfall
Application of Gray and Fuzzy Methods for Rainfall Forecasting, Pao-Shan Yu and Chia-Jung Chen, HE Oct. 00, p339-345.
Effect of Wind on Precipitation Intercepted by Steep Mountain Slopes, Stefano Orlandini and Alberto Lamberti, HE Oct. 00, p346-354.
Model to Simulate Rainfall Excess Patterns on Randomly Heterogeneous Areas, R. E. Smith and D. C. Goodrich, HE Oct. 00, p355-362.
NEXRAD Radar for Flood Prediction in Houston, Philip B. Bedient, Brian C. Hoblit, Dawn C. Gladwell and Baxter E. Vieux, HE July 00, p269-277.
Rainfall Disaggregation Using Artificial Neural Networks, Steven J. Burian, S. Rocky Durrans, Saša Tomić, Russell L. Pimmel and Chung Ngai Wai, HE July 00, p299-307.

Rainfall duration
Rainfall Disaggregation Using Artificial Neural Networks, Steven J. Burian, S. Rocky Durrans, Saša Tomić, Russell L. Pimmel and Chung Ngai Wai, HE July 00, p299-307.

Rainfall-runoff relationships
Channel Infiltration in Solitario Canyon, Yucca Mountain, Nevada, David A. Woolhiser, Stuart A. Stothoff and Gordon W. Wittmeyer, HE July 00, p240-249.
Grid-Size Effects on Surface Runoff Modeling, D. K. Molnár and P. Y. Julien, HE Jan. 00, p8-16.
Model to Simulate Rainfall Excess Patterns on Randomly Heterogeneous Areas, R. E. Smith and D. C. Goodrich, HE Oct. 00, p355-362.
Sediment Delivery Distributed (SEDD) Model, Vito Ferro and Paolo Porto, HE Oct. 00, p411-422.
Simple Nonlinear Rainfall-Runoff Model, H. A. Basha, HE Jan. 00, p25-32.

Random variables
Conditional Distributions of Ideal Reservoir Storage Variables, M. Bayazit and B. Önöz, HE Jan. 00, p52-58.
Conservation Equations for Ground-Water Velocity in General Conditions, A. Karakas and M. L. Kavvas, HE Apr. 00, p206-216.

Real-time programming
Hydrological Forecasting Using Neural Networks, Konda Thirumalaiah and Makarand C. Deo, HE Apr. 00, p180-189.

Recharge basins
Effects of Unsaturated Zone on Ground-Water Mounding, D. M. Sumner, D. E. Rolston and M. A. Mariño, HE Jan. 99, p65-69.

Regional analysis
Regional Drought Analysis Based on Neural Networks, Hyun-Suk Shin and Jose D. Salas, HE Apr. 00, p145-155.
Regional Flood Formulas for Seven Subzones of Zone 3 of India, Rakesh Kumar, R. D. Singh and S. M. Seth, HE July 99, p240-244.

Regression analysis

Application of Gray and Fuzzy Methods for Rainfall Forecasting, Pao-Shan Yu and Chia-Jung Chen, HE Oct. 00, p339-345.

Performance Evaluation of Artificial Neural Networks for Runoff Prediction, Amin Elshorbagy, S. P. Simonovic, P.E. and U. S. Panu, P.E., HE Oct. 00, p424-427.

Reliability

Conditional Distributions of Ideal Reservoir Storage Variables, M. Bayazit and B. Önöz, HE Jan. 00, p52-58.

Remote sensing

Artificial Neural Networks in Remote Sensing of Hydrologic Processes, Shafiqul Islam and Ravi Kothari, HE Apr. 00, p138-144.

Spatial Analysis of Remotely Sensed Soil Moisture Data, Deeptha Thattai and Shafiqul Islam, HE Oct. 00, p386-392.

Reservoir design

Conditional Distributions of Ideal Reservoir Storage Variables, M. Bayazit and B. Önöz, HE Jan. 00, p52-58.

Reservoir operation

Conditional Distributions of Ideal Reservoir Storage Variables, M. Bayazit and B. Önöz, HE Jan. 00, p52-58.

Reservoirs

Simple Nonlinear Rainfall-Runoff Model, H. A. Basha, HE Jan. 00, p25-32.

Risk analysis

Assessing Hydrologic Drought Risk Using Simplified Climate Model, Michael L. Anderson, M. Levent Kavvas and Michael D. Mierzwa, HE Oct. 00, p393-401.

River basins

Classification of River Basins Using Artificial Neural Network, B. S. Thandaveswara and N. Sajikumar, HE July 00, p290-298.

SHETRAN: Distributed River Basin Flow and Transport Modeling System, John Ewen, Geoff Parkin and Patrick Enda O'Connell, HE July 00, p250-258.

Rivers

Application of Gamma Autoregressive Model to Analysis of Dry Periods, Hikmet Kerem Cığızoğlu and M. Bayazıt, HE July 98, p218-221.

Hydrological Forecasting Using Neural Networks, Konda Thirumalaiah and Makarand C. Deo, HE Apr. 00, p180-189.

Runoff

Application of Diffusion Processes to Runoff Estimation, Richard Labib, Mario Lefebvre, Joseph Ribeiro, Jean Rousselle and Hau Ta Trung, HE Jan. 00, p1-7.

Characterization of Flash Floods in Eastern Kentucky, Nageshwar R. Bhaskar, Mark N. French and George K. Kyiamah, HE July 00, p327-331.

Performance Evaluation of Artificial Neural Networks for Runoff Prediction, Amin Elshorbagy, S. P. Simonovic, P.E. and U. S. Panu, P.E., HE Oct. 00, p424-427.

Precipitation-Runoff Modeling Using Artificial Neural Networks and Conceptual Models, A. Sezin Tokar and Momcilo Markus, HE Apr. 00, p156-161.

Runoff coefficient

Moments of Runoff Coefficient and Peak Discharge Estimation in Urban Catchments, Gianfranco Becciu and Alessandro Paoletti, HE Apr. 00, p197-205.

Runoff forecasting

Hydrological Forecasting Using Neural Networks, Konda Thirumalaiah and Makarand C. Deo, HE Apr. 00, p180-189.

Rural areas

Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, Chittaranjan Ray and Kris K. Klindworth, HE Apr. 00, p162-171.

Salt water intrusion

Optimization Based Solution of Density Dependent Seawater Intrusion in Coastal Aquifers, Amlan Das and Bithin Datta, HE Jan. 00, p82-89.

Sampling

Evaluation of Peak Discharge Transposition, Richard H. McCuen and Benjamin S. Levy, HE July 00, p278-289.

Spatial Analysis of Remotely Sensed Soil Moisture Data, Deeptha Thattai and Shafiqul Islam, HE Oct. 00, p386-392.

Scale effect

Contaminant Source Solutions with Scale-Dependent Dispersitivities, Bruce Hunt, HE Oct. 98, p268-275.

Sediment transport

Sediment Delivery Distributed (SEDD) Model, Vito Ferro and Paolo Porto, HE Oct. 00, p411-422.

SHETRAN: Distributed River Basin Flow and Transport Modeling System, John Ewen, Geoff Parkin and Patrick Enda O'Connell, HE July 00, p250-258.

Sediment yield

Sediment Delivery Distributed (SEDD) Model, Vito Ferro and Paolo Porto, HE Oct. 00, p411-422.

Seepage

Conservation Equations for Ground-Water Velocity in General Conditions, A. Karakas and M. L. Kavvas, HE Apr. 00, p206-216.

Contaminant Source Solutions with Scale-Dependent Dispersitivities, Bruce Hunt, HE Oct. 98, p268-275.

Sensitivity analysis

Enhancements to Genetic Algorithm for Optimal Ground-Water Management, Jahangir Morshed and Jagath J. Kaluarachchi, HE Jan. 00, p67-73.

Evaluation of Peak Discharge Transposition, Richard H. McCuen and Benjamin S. Levy, HE July 00, p278-289.

Skewness

Skew-Dependent Detection of Change of Central Tendency in Hydrologic Data, Benjamin S. Levy and Richard H. McCuen, HE Jan. 00, p43-51.

Slopes

Effect of Wind on Precipitation Intercepted by Steep Mountain Slopes, Stefano Orlandini and Alberto Lamberti, HE Oct. 00, p346-354.

Snowmelt

Representation of Snow in Urban Drainage Models, Annette F. Semádeni-Davies, HE Oct. 00, p363-370.

Soil erosion

Sediment Delivery Distributed (SEDD) Model, Vito Ferro and Paolo Porto, HE Oct. 00, p411-422.

Soil water

Artificial Neural Networks in Remote Sensing of Hydrologic Processes, Shafiqul Islam and Ravi Kothari, HE Apr. 00, p138-144.

Spatial Analysis of Remotely Sensed Soil Moisture Data, Deeptha Thattai and Shafiqul Islam, HE Oct. 00, p386-392.

Solutes

Overlapping Control Volume Method for Solute Transport, Atul Kumar Verma, S. Murty Bhallamudi and V. Eswaran, HE July 00, p308-316.

SHETRAN: Distributed River Basin Flow and Transport Modeling System, John Ewen, Geoff Parkin and Patrick Enda O'Connell, HE July 00, p250-258.

Spatial analysis

Regional Drought Analysis Based on Neural Networks, Hyun-Suk Shin and Jose D. Salas, HE Apr. 00, p145-155.

Spatial Analysis of Remotely Sensed Soil Moisture Data, Deeptha Thattai and Shafiqul Islam, HE Oct. 00, p386-392.

Spatial distribution

Sediment Delivery Distributed (SEDD) Model, Vito Ferro and Paolo Porto, HE Oct. 00, p411-422.

SHETRAN: Distributed River Basin Flow and Transport Modeling System, John Ewen, Geoff Parkin and Patrick Enda O'Connell, HE July 00, p250-258.

Spectral analysis

Daily Streamflow Simulation Using Recession Characteristics, N. T. Kottegoda, L. Natale and E. Raiteri, HE Jan. 00, p17-24.

Stability analysis

Analysis of Muskingum Equation Based Flood Routing Schemes, John J. Gelegenis and Sergio E. Serrano, HE Jan. 00, p102-105.

Statistical analysis

Estimation of Harmonic Mean of Lognormal Variable, James F. Limbrunner, Richard M. Vogel and Linfield C. Brown, HE Jan. 00, p59-66.

Multivariate Technique for Baseflow Separation Using Water Quality/Quantity Data, S. Shukla, S. Mostaghimi, B. Petrauskas and M. Al-Smadi, HE Apr. 00, p172-179.

Skew-Dependent Detection of Change of Central Tendency in Hydrologic Data, Benjamin S. Levy and Richard H. McCuen, HE Jan. 00, p43-51.

Tall Tales about Tails of Hydrological Distributions. II, Vít Klemeš, P.E., HE July 00, p232-239.

Stochastic models

Hybrid Stochastic Model for Daily Flows Simulation in Semiarid Climates, N. D. Evora and J. Rousselle, HE Jan. 00, p32-42.

Stochastic processes

Drought Occurrence Probabilities and Risks of Dependent Hydrologic Processes, Chen-hua Chung and Jose D. Salas, HE July 00, p259-268.

Improving Forecasts of Nile Flood Using SST Inputs in TFN Model, A. G. Awadallah and J. Rousselle, HE Oct. 00, p371-379.

Storage

Conditional Distributions of Ideal Reservoir Storage Variables, M. Bayazit and B. Önöz, HE Jan. 00, p52-58.

Hydraulic Vulnerability of Elementary Urban Cell, Benoît Hingray, Bernard Cappelaere, Christophe Bouvier and Michel Desbordes, HE Oct. 00, p402-410.

Storms

Multivariate Technique for Baseflow Separation Using Water Quality/Quantity Data, S. Shukla, S. Mostaghimi, B. Petrauskas and M. Al-Smadi, HE Apr. 00, p172-179.

Nonkinematic Effects in Storm Hydrograph Routing, Richard D. Cragо and S. Mark Richards, HE July 00, p323-326.

Stormwater

Model to Simulate Rainfall Excess Patterns on Randomly Heterogeneous Areas, R. E. Smith and D. C. Goodrich, HE Oct. 00, p355-362.

Stream gaging

Using GIS to Determine Extent of Gauged Streams in a Region, Glenn E. Moglen and R. Edward Beighley, HE Apr. 00, p190-196.

Streamflow

Analysis of Muskingum Equation Based Flood Routing Schemes, John J. Gelegenis and Sergio E. Serrano, HE Jan. 00, p102-105.

Daily Streamflow Simulation Using Recession Characteristics, N. T. Kottegoda, L. Natale and E. Raiteri, HE Jan. 00, p17-24.

Drought Occurrence Probabilities and Risks of Dependent Hydrologic Processes, Chen-hua Chung and Jose D. Salas, HE July 00, p259-268.

Estimation of Harmonic Mean of Lognormal Variable, James F. Limbrunner, Richard M. Vogel and Linfield C. Brown, HE Jan. 00, p59-66.

Setting Up Stage-Discharge Relations Using ANN, S. K. Jain and D. Chalisgaonkar, HE Oct. 00, p428-433.

Using GIS to Determine Extent of Gauged Streams in a Region, Glenn E. Moglen and R. Edward Beighley, HE Apr. 00, p190-196.

Streamflow forecasting

Application of Gamma Autoregressive Model to Analysis of Dry Periods, Hikmet Kerem Cığızoğlu and M. Bayazıt, HE July 98, p218-221.

Streams

Explicit Aquifer Diffusivity Estimation Using Linearly Varying Stream Stage, Chandra Shekhar P. Ojha, HE Apr. 00, p218-221.

Linear Air/Water Temperature Correlations for Streams during Open Water Periods, Troy R. Erickson and Heinz G. Stefan, HE July 00, p317-321.

Subsurface flow

Solving 3D Subsurface Flow and Transport with Adaptive Multigrid, Ming-Hsu Li, Hwai-Ping Cheng and Gour-Tsyh Yeh, HE Jan. 00, p74-81.

Surface runoff

Channel Infiltration in Solitario Canyon, Yucca Mountain, Nevada, David A. Woolhiser, Stuart A. Stothoff and Gordon W. Wittmeyer, HE July 00, p240-249.

Grid-Size Effects on Surface Runoff Modeling, D. K. Molnár and P. Y. Julien, HE Jan. 00, p8-16.

Surface waters

Improving Forecasts of Nile Flood Using SST Inputs in TFN Model, A. G. Awadallah and J. Rousselle, HE Oct. 00, p371-379.

SHETRAN: Distributed River Basin Flow and Transport Modeling System, John Ewen, Geoff Parkin and Patrick Enda O'Connell, HE July 00, p250-258.

Temperature effects

Weather Effects on Daily Water Use in New York City, Angelos L. Protopapas, Sunisa Katchamart and Alina Platonova, HE July 00, p332-338.

Time dependence

Drought Occurrence Probabilities and Risks of Dependent Hydrologic Processes, Chen-hua Chung and Jose D. Salas, HE July 00, p259-268.

Time factors

Evaluation of Peak Discharge Transposition, Richard H. McCuen and Benjamin S. Levy, HE July 00, p278-289.

Time series analysis

Daily Streamflow Simulation Using Recession Characteristics, N. T. Kottegoda, L. Natale and E. Raiteri, HE Jan. 00, p17-24.

Rainfall Disaggregation Using Artificial Neural Networks, Steven J. Burian, S. Rocky Durrans, Saša Tomić, Russell L. Pimmel and Chung Ngai Wai, HE July 00, p299-307.

Topography

Effect of Wind on Precipitation Intercepted by Steep Mountain Slopes, Stefano Orlandini and Alberto Lamberti, HE Oct. 00, p346-354.

Transport phenomena

Contaminant Source Solutions with Scale-Dependent Dispersitivities, Bruce Hunt, HE Oct. 98, p268-275.

Overlapping Control Volume Method for Solute Transport, Atul Kumar Verma, S. Murty Bhallamudi and V. Eswaran, HE July 00, p308-316.

SHETRAN: Distributed River Basin Flow and Transport Modeling System, John Ewen, Geoff Parkin and Patrick Enda O'Connell, HE July 00, p250-258.

Solving 3D Subsurface Flow and Transport with Adaptive Multigrid, Ming-Hsu Li, Hwai-Ping Cheng and Gour-Tsyh Yeh, HE Jan. 00, p74-81.

Unit hydrographs

Transmuting Synthetic Unit Hydrographs into Gamma Distribution, Sushil K. Singh, HE Oct. 00, p380-385.

Unsaturated flow

Effects of Unsaturated Zone on Ground-Water Mounding, D. M. Sumner, D. E. Rolston and M. A. Mariño, HE Jan. 99, p65-69.

Unsteady flow

Nonkinematic Effects in Storm Hydrograph Routing, Richard D. Crago and S. Mark Richards, HE July 00, p323-326.

Urban areas

Hydraulic Vulnerability of Elementary Urban Cell, Benoît Hingray, Bernard Cappelaere, Christophe Bouvier and Michel Desbordes, HE Oct. 00, p402-410.

Moments of Runoff Coefficient and Peak Discharge Estimation in Urban Catchments, Gianfranco Becciu and Alessandro Paoletti, HE Apr. 00, p197-205.

Representation of Snow in Urban Drainage Models, Annette F. Semádeni-Davies, HE Oct. 00, p363-370.

Vadose zone

Effects of Unsaturated Zone on Ground-Water Mounding, D. M. Sumner, D. E. Rolston and M. A. Mariño, HE Jan. 99, p65-69.

Velocity

Conservation Equations for Ground-Water Velocity in General Conditions, A. Karakas and M. L. Kavvas, HE Apr. 00, p206-216.

Water demand

Weather Effects on Daily Water Use in New York City, Angelos L. Protopapas, Sunisa Katchamart and Alina Platonova, HE July 00, p332-338.

Water quality

Entropy-Based Assessment of Water Quality Monitoring Networks, Sevinc Ozkul, Nilgun Harmancioglu and Vijay P. Singh, HE Jan. 00, p90-100.

Multivariate Technique for Baseflow Separation Using Water Quality/Quantity Data, S. Shukla, S. Mostaghimi, B. Petrauskas and M. Al-Smadi, HE Apr. 00, p172-179.

Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, Chittaranjan Ray and Kris K. Klindworth, HE Apr. 00, p162-171.

Water resources

Contaminant Source Solutions with Scale-Dependent Dispersitivities, Bruce Hunt, HE Oct. 98, p268-275.

Water resources management

Assessing Hydrologic Drought Risk Using Simplified Climate Model, Michael L. Anderson, M. Levent Kavvas and Michael D. Mierzwa, HE Oct. 00, p393-401.

Water storage

Hydraulic Vulnerability of Elementary Urban Cell, Benoît Hingray, Bernard Cappelaere, Christophe Bouvier and Michel Desbordes, HE Oct. 00, p402-410.

Water supply

Weather Effects on Daily Water Use in New York City, Angelos L. Protopapas, Sunisa Katchamart and Alina Platonova, HE July 00, p332-338.

Water temperature

Improving Forecasts of Nile Flood Using SST Inputs in TFN Model, A. G. Awadallah and J. Rousselle, HE Oct. 00, p371-379.

Linear Air/Water Temperature Correlations for Streams during Open Water Periods, Troy R. Erickson and Heinz G. Stefan, HE July 00, p317-321.

Water use

Weather Effects on Daily Water Use in New York City, Angelos L. Protopapas, Sunisa Katchamart and Alina Platonova, HE July 00, p332-338.

Watershed management

Channel Infiltration in Solitario Canyon, Yucca Mountain, Nevada, David A. Woolhiser, Stuart A. Stothoff and Gordon W. Wittmeyer, HE July 00, p240-249.

Watersheds

Grid-Size Effects on Surface Runoff Modeling, D. K. Molnár and P. Y. Julien, HE Jan. 00, p8-16.

NEXRAD Radar for Flood Prediction in Houston, Philip B. Bedient, Brian C. Hoblit, Dawn C. Gladwell and Baxter E. Vieux, HE July 00, p269-277.

Precipitation-Runoff Modeling Using Artificial Neural Networks and Conceptual Models, A. Sezin Tokar and Momcilo Markus, HE Apr. 00, p156-161.

Simple Nonlinear Rainfall-Runoff Model, H. A. Basha, HE Jan. 00, p25-32.

Using GIS to Determine Extent of Gauged Streams in a Region, Glenn E. Moglen and R. Edward Beighley, HE Apr. 00, p190-196.

Weather data

Weather Effects on Daily Water Use in New York City, Angelos L. Protopapas, Sunisa Katchamart and Alina Platonova, HE July 00, p332-338.

Wells

Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, Chittaranjan Ray and Kris K. Klindworth, HE Apr. 00, p162-171.

Wind direction

Effect of Wind on Precipitation Intercepted by Steep Mountain Slopes, Stefano Orlandini and Alberto Lamberti, HE Oct. 00, p346-354.

Wind speed

Effect of Wind on Precipitation Intercepted by Steep Mountain Slopes, Stefano Orlandini and Alberto Lamberti, HE Oct. 00, p346-354.

Yield

Conditional Distributions of Ideal Reservoir Storage Variables, M. Bayazit and B. Önöz, HE Jan. 00, p52-58.

AUTHOR INDEX

Al-Smadi, M.
see Shukla, S., HE Apr. 00, p172-179

Anderson, Michael L.
Assessing Hydrologic Drought Risk Using Simplified Climate Model, with M. Levent Kavvas and Michael D. Mierzwa, HE Oct. 00, p393-401

ASCE Task Committee on Application of Artificial Neural Networks in Hydrology, (Rao S. Govindaraju, chmn.)
Artificial Neural Networks in Hydrology. I: Preliminary Concepts, HE Apr. 00, p115-123
Artificial Neural Networks in Hydrology. II: Hydrologic Applications, HE Apr. 00, p124-137

Awadallah, A. G.
Improving Forecasts of Nile Flood Using SST Inputs in TFN Model, with J. Rousselle, HE Oct. 00, p371-379

Basha, H. A.
Simple Nonlinear Rainfall-Runoff Model, HE Jan. 00, p25-32

Bayazit, M.
Conditional Distributions of Ideal Reservoir Storage Variables, with B. Önöz, HE Jan. 00, p52-58

Bayazıt, M.
see Cığızoğlu, Hikmet Kerem, HE July 98, p218-221

Becciu, Gianfranco
Moments of Runoff Coefficient and Peak Discharge Estimation in Urban Catchments, with Alessandro Paoletti, HE Apr. 00, p197-205

Bedient, Philip B.
NEXRAD Radar for Flood Prediction in Houston, with Brian C. Hoblit, Dawn C. Gladwell and Baxter E. Vieux, HE July 00, p269-277

Beighley, R. Edward
see Moglen, Glenn E., HE Apr. 00, p190-196

Bhallamudi, S. Murty
see Verma, Atul Kumar, HE July 00, p308-316

Bhaskar, Nageshwar R.
Characterization of Flash Floods in Eastern Kentucky, with Mark N. French and George K. Kyiamah, HE July 00, p327-331

Bouvier, Christophe
see Hingray, Benoît, HE Oct. 00, p402-410

Brown, Linfield C.
see Limbrunner, James F., HE Jan. 00, p59-66

Burian, Steven J.
Rainfall Disaggregation Using Artificial Neural Networks, with S. Rocky Durrans, Saša Tomić, Russell L. Pimmel and Chung Ngai Wai, HE July 00, p299-307

Cappelaere, Bernard
see Hingray, Benoît, HE Oct. 00, p402-410

Chalisgaonkar, D.
see Jain, S. K., HE Oct. 00, p428-433

Chen, Chia-Jung
see Yu, Pao-Shan, HE Oct. 00, p339-345

Cheng, H. D.
Novel System for Automatic Pavement Distress Detection, with M. Miyojim, CP July 98, p145-152
clo: HE Jan. 00, p109-111

Cheng, Hwai-Ping
see Li, Ming-Hsu, HE Jan. 00, p74-81

Chung, Chen-hua
Drought Occurrence Probabilities and Risks of Dependent Hydrologic Processes, with Jose D. Salas, HE July 00, p259-268

Cığızoğlu, Hikmet Kerem
Application of Gamma Autoregressive Model to Analysis of Dry Periods, with M. Bayazıt, HE July 98, p218-221
disc: K. Srinivasan and V. V. Srinivas, HE Jan. 00, p107-109

Crago, Richard D.
Nonkinematic Effects in Storm Hydrograph Routing, with S. Mark Richards, HE July 00, p323-326

Das, Amlan
Optimization Based Solution of Density Dependent Seawater Intrusion in Coastal Aquifers, with Bithin Datta, HE Jan. 00, p82-89

Datta, Bithin
see Das, Amlan, HE Jan. 00, p82-89

Deo, Makarand C.
see Thirumalaiah, Konda, HE Apr. 00, p180-189

Desbordes, Michel
see Hingray, Benoît, HE Oct. 00, p402-410

Durrans, S. Rocky
see Burian, Steven J., HE July 00, p299-307

Elshorbagy, Amin
Performance Evaluation of Artificial Neural Networks for Runoff Prediction, with S. P. Simonovic, P.E. and U. S. Panu, P.E., HE Oct. 00, p424-427

Ercan, Sezar
see Ponce, Victor M., HE Apr. 00, p222-224

Erickson, Troy R.
Linear Air/Water Temperature Correlations for Streams during Open Water Periods, with Heinz G. Stefan, HE July 00, p317-321

Eswaran, V.
see Verma, Atul Kumar, HE July 00, p308-316

Evora, N. D.
Hybrid Stochastic Model for Daily Flows Simulation in Semiarid Climates, with J. Rousselle, HE Jan. 00, p32-42

Ewen, John
SHETRAN: Distributed River Basin Flow and Transport Modeling System, with Geoff Parkin and Patrick Enda O'Connell, HE July 00, p250-258

Ferro, Vito
Sediment Delivery Distributed (SEDD) Model, with Paolo Porto, HE Oct. 00, p411-422

French, Mark N.
see Bhaskar, Nageshwar R., HE July 00, p327-331

Gelegenis, John J.
Analysis of Muskingum Equation Based Flood Routing Schemes, with Sergio E. Serrano, HE Jan. 00, p102-105

Gladwell, Dawn C.
see Bedient, Philip B., HE July 00, p269-277

Goodrich, D. C.
see Smith, R. E., HE Oct. 00, p355-362

Govindaraju, R. S.
Editorial, with A. Ramachandra Rao, HE July 00, p225-226

Harmancioglu, Nilgun
see Ozkul, Sevinc, HE Jan. 00, p90-100

Hingray, Benoît
Hydraulic Vulnerability of Elementary Urban Cell, with Bernard Cappelaere, Christophe Bouvier and Michel Desbordes, HE Oct. 00, p402-410

Hoblit, Brian C.
see Bedient, Philip B., HE July 00, p269-277

Hunt, Bruce
Contaminant Source Solutions with Scale-Dependent Dispersitivities, HE Oct. 98, p268-275
disc: C. Zoppou and J. H. Knight, HE Jan. 00, p111-113
clo: HE Jan. 00, p113

Islam, Shafiqul
Artificial Neural Networks in Remote Sensing of Hydrologic Processes, with Ravi Kothari, HE Apr. 00, p138-144
see Thattai, Deeptha, HE Oct. 00, p386-392

Jain, S. K.
Setting Up Stage-Discharge Relations Using ANN, with D. Chalisgaonkar, HE Oct. 00, p428-433

Julien, P. Y.
see Molnár, D. K., HE Jan. 00, p8-16

Kaluarachchi, Jagath J.
see Morshed, Jahangir, HE Jan. 00, p67-73

Karakas, A.
Conservation Equations for Ground-Water Velocity in General Conditions, with M. L. Kavvas, HE Apr. 00, p206-216

Katchamart, Sunisa
see Protopapas, Angelos L., HE July 00, p332-338

Kavvas, M. L.
see Karakas, A., HE Apr. 00, p206-216

Kavvas, M. Levent
see Anderson, Michael L., HE Oct. 00, p393-401

Klemeš, Vít, P.E.
Tall Tales about Tails of Hydrological Distributions. I, HE July 00, p227-231
Tall Tales about Tails of Hydrological Distributions. II, HE July 00, p232-239

Klindworth, Kris K.
see Ray, Chittaranjan, HE Apr. 00, p162-171

Knight, J. H.
see Zoppou, C., (disc), HE Oct. 98, p268-275

Kothari, Ravi
see Islam, Shafiqul, HE Apr. 00, p138-144

Kottegoda, N. T.
Daily Streamflow Simulation Using Recession Characteristics, with L. Natale and E. Raiteri, HE Jan. 00, p17-24

Kumar, Arun
disc. (of Regional Flood Formulas for Seven Subzones of Zone 3 of India, by Rakesh Kumar, R. D. Singh and S. M. Seth, HE July 99, p240-244) with Vijay K. Minocha, HE Oct. 00, p436-437

Kumar, Rakesh
Regional Flood Formulas for Seven Subzones of Zone 3 of India, with R. D. Singh and S. M. Seth, HE July 99, p240-244
disc: Arun Kumar and Vijay K. Minocha, HE Oct. 00, p436-437

Kyiamah, George K.
see Bhaskar, Nageshwar R., HE July 00, p327-331

Labib, Richard
Application of Diffusion Processes to Runoff Estimation, with Mario Lefebvre, Joseph Ribeiro, Jean Rousselle and Hau Ta Trung, HE Jan. 00, p1-7

Lamberti, Alberto
see Orlandini, Stefano, HE Oct. 00, p346-354

Lefebvre, Mario
see Labib, Richard, HE Jan. 00, p1-7

Levy, Benjamin S.
Skew-Dependent Detection of Change of Central Tendency in Hydrologic Data, with Richard H. McCuen, HE Jan. 00, p43-51
see McCuen, Richard H., HE July 00, p278-289

Li, Ming-Hsu
Solving 3D Subsurface Flow and Transport with Adaptive Multigrid, with Hwai-Ping Cheng and Gour-Tsyh Yeh, HE Jan. 00, p74-81

Limbrunner, James F.
Estimation of Harmonic Mean of Lognormal Variable, with Richard M. Vogel and Linfield C. Brown, HE Jan. 00, p59-66

Mariño, M. A.
see Sumner, D. M., HE Jan. 99, p65-69

Markus, Momcilo
see Tokar, A. Sezin, HE Apr. 00, p156-161

McCuen, Richard H.
Evaluation of Peak Discharge Transposition, with Benjamin S. Levy, HE July 00, p278-289
see Levy, Benjamin S., HE Jan. 00, p43-51

Mierzwa, Michael D.
see Anderson, Michael L., HE Oct. 00, p393-401

Minocha, Vijay K.
see Kumar, Arun, (disc), HE July 99, p240-244

Miyojim, M.
see Cheng, H. D., CP July 98, p145-152

Moglen, Glenn E.
Using GIS to Determine Extent of Gauged Streams in a Region, with R. Edward Beighley, HE Apr. 00, p190-196

Molnár, D. K.
Grid-Size Effects on Surface Runoff Modeling, with P. Y. Julien, HE Jan. 00, p8-16

Morel-Seytoux, Hubert J.
disc. (of Effects of Unsaturated Zone on Ground-Water Mounding, by D. M. Sumner, D. E. Rolston and M. A. Mariño, HE Jan. 99, p65-69), HE Oct. 00, p435-436

Morshed, Jahangir
Enhancements to Genetic Algorithm for Optimal Ground-Water Management, with Jagath J. Kaluarachchi, HE Jan. 00, p67-73

Mostaghimi, S.
see Shukla, S., HE Apr. 00, p172-179

Natale, L.
see Kottegoda, N. T., HE Jan. 00, p17-24

O'Connell, Patrick Enda
see Ewen, John, HE July 00, p250-258

Ojha, Chandra Shekhar P.
Explicit Aquifer Diffusivity Estimation Using Linearly Varying Stream Stage, HE Apr. 00, p218-221

Önöz, B.
see Bayazit, M., HE Jan. 00, p52-58

Orlandini, Stefano
Effect of Wind on Precipitation Intercepted by Steep Mountain Slopes, with Alberto Lamberti, HE Oct. 00, p346-354

Ozkul, Sevinc
Entropy-Based Assessment of Water Quality Monitoring Networks, with Nilgun Harmancioglu and Vijay P. Singh, HE Jan. 00, p90-100

Pandey, Rajendra P.
see Ponce, Victor M., HE Apr. 00, p222-224

Panu, U. S., P.E.
see Elshorbagy, Amin, HE Oct. 00, p424-427

Paoletti, Alessandro
see Becciu, Gianfranco, HE Apr. 00, p197-205

Parkin, Geoff
see Ewen, John, HE July 00, p250-258

Petrauskas, B.
see Shukla, S., HE Apr. 00, p172-179

Pimmel, Russell L.
see Burian, Steven J., HE July 00, p299-307

Platonova, Alina
see Protopapas, Angelos L., HE July 00, p332-338

Ponce, Victor M.
Characterization of Drought across Climatic Spectrum, with Rajendra P. Pandey and Sezar Ercan, HE Apr. 00, p222-224

Porto, Paolo
see Ferro, Vito, HE Oct. 00, p411-422

Protopapas, Angelos L.
Weather Effects on Daily Water Use in New York City, with Sunisa Katchamart and Alina Platonova, HE July 00, p332-338

Raiteri, E.
see Kottegoda, N. T., HE Jan. 00, p17-24

Rao, A. Ramachandra
see Govindaraju, R. S., HE July 00, p225-226

Ray, Chittaranjan
Neural Networks for Agrichemical Vulnerability Assessment of Rural Private Wells, with Kris K. Klindworth, HE Apr. 00, p162-171

Ribeiro, Joseph
see Labib, Richard, HE Jan. 00, p1-7

Richards, S. Mark
see Crago, Richard D., HE July 00, p323-326

Rolston, D. E.
see Sumner, D. M., HE Jan. 99, p65-69

Rousselle, J.
see Awadallah, A. G., HE Oct. 00, p371-379
see Evora, N. D., HE Jan. 00, p32-42

Rousselle, Jean
see Labib, Richard, HE Jan. 00, p1-7

Sajikumar, N.
see Thandaveswara, B. S., HE July 00, p290-298

Salas, Jose D.
see Chung, Chen-hua, HE July 00, p259-268
see Shin, Hyun-Suk, HE Apr. 00, p145-155

Semádeni-Davies, Annette F.
Representation of Snow in Urban Drainage Models, HE Oct. 00, p363-370

Serrano, Sergio E.
see Gelegenis, John J., HE Jan. 00, p102-105

Seth, S. M.
see Kumar, Rakesh, HE July 99, p240-244

Shin, Hyun-Suk
Regional Drought Analysis Based on Neural Networks, with Jose D. Salas, HE Apr. 00, p145-155

Shukla, S.
Multivariate Technique for Baseflow Separation Using Water Quality/Quantity Data, with S. Mostaghimi, B. Petrauskas and M. Al-Smadi, HE Apr. 00, p172-179

Simonovic, S. P., P.E.
see Elshorbagy, Amin, HE Oct. 00, p424-427

Singh, R. D.
see Kumar, Rakesh, HE July 99, p240-244

Singh, Sushil K.
Transmuting Synthetic Unit Hydrographs into Gamma Distribution, HE Oct. 00, p380-385

Singh, Vijay P.
see Ozkul, Sevinc, HE Jan. 00, p90-100

Smith, R. E.
Model to Simulate Rainfall Excess Patterns on Randomly Heterogeneous Areas, with D. C. Goodrich, HE Oct. 00, p355-362

Srinivas, V. V.
see Srinivasan, K., (disc), HE July 98, p218-221

Srinivasan, K.
disc. (of Application of Gamma Autoregressive Model to Analysis of Dry Periods, by Hikmet Kerem Cığızoğlu and M. Bayazıt, HE July 98, p218-221) with V. V. Srinivas, HE Jan. 00, p107-109

Stefan, Heinz G.
see Erickson, Troy R., HE July 00, p317-321

Stothoff, Stuart A.
see Woolhiser, David A., HE July 00, p240-249

Sumner, D. M.
Effects of Unsaturated Zone on Ground-Water Mounding, with D. E. Rolston and M. A. Mariño, HE Jan. 99, p65-69
disc: Hubert J. Morel-Seytoux, HE Oct. 00, p435-436

Thandaveswara, B. S.
Classification of River Basins Using Artificial Neural Network, with N. Sajikumar, HE July 00, p290-298

Thattai, Deeptha
Spatial Analysis of Remotely Sensed Soil Moisture Data, with Shafiqul Islam, HE Oct. 00, p386-392

Thirumalaiah, Konda
Hydrological Forecasting Using Neural Networks, with Makarand C. Deo, HE Apr. 00, p180-189

Tokar, A. Sezin
Precipitation-Runoff Modeling Using Artificial Neural Networks and Conceptual Models, with Momcilo Markus, HE Apr. 00, p156-161

Tomić, Saša
see Burian, Steven J., HE July 00, p299-307

Trung, Hau Ta
see Labib, Richard, HE Jan. 00, p1-7

Verma, Atul Kumar
Overlapping Control Volume Method for Solute Transport, with S. Murty Bhallamudi and V. Eswaran, HE July 00, p308-316

Vieux, Baxter E.
see Bedient, Philip B., HE July 00, p269-277

Vogel, Richard M.
see Limbrunner, James F., HE Jan. 00, p59-66

Wai, Chung Ngai
see Burian, Steven J., HE July 00, p299-307

Wittmeyer, Gordon W.
see Woolhiser, David A., HE July 00, p240-249

Woolhiser, David A.
Channel Infiltration in Solitario Canyon, Yucca Mountain, Nevada, with Stuart A. Stothoff and Gordon W. Wittmeyer, HE July 00, p240-249

Yeh, Gour-Tsyh
see Li, Ming-Hsu, HE Jan. 00, p74-81

Yu, Pao-Shan
Application of Gray and Fuzzy Methods for Rainfall Forecasting, with Chia-Jung Chen, HE Oct. 00, p339-345

Zoppou, C.
disc. (of Contaminant Source Solutions with Scale-Dependent Dispersitivities, by Bruce Hunt, HE Oct. 98, p268-275) with J. H. Knight, HE Jan. 00, p111-113